

## GROUND-WATER LEVELS

## KING GEORGE COUNTY

382103077025401. Local number, 54Q 19.

LOCATION.--Lat 38°21'03", long 77°02'54", Hydrologic Unit 02070011, 100 ft southwest of intersection of Bennion Road and Perimeter Road, 100 ft east of Perimeter Road at edge of woods, and at the Naval Surface Warfare Center, Dahlgren Laboratory, in Dahlgren. Owner: U.S. Department of the Navy.

AQUIFER.--Aquia aquifer of Paleocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 10 in. from 0 to 30 ft, diameter 4 in. from 0 to 180 ft, 200 to 202.25 ft, depth 202.25 ft, screened 180 to 200 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to Oct. 26, 1994, digital recorder--60-minute punch.

DATUM.--Elevation of land-surface datum is 21.6 ft above sea level. Measuring point: Top of recorder shelf, 2.5 ft above land-surface datum prior to Nov. 4, 1994; top of casing, 2.1 ft thereafter.

REMARKS.--This well is known to contain dissolved solids greater than or equal to 1,000 mg/l.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 23.67 ft below land-surface datum, Jan. 17, 1993; lowest measured, 27.81 ft below land-surface datum, Sept. 24, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

		DATE	WATER LEVEL	DATE	WATER LEVEL
		MAR 30	27.38	SEP 30	27.50
WATER YEAR 1998	HIGHEST	27.38	MAR 30, 1998		
	LOWEST	27.50	SEP 30, 1998		

